TITUSVILLE AMATEUR RADIO CLUB

NEWSLETTER

MARCH, 1997

OFFICERS

PRESIDENT: Bud Hughes K4CWG 269-0779 SECRETARY: Marty Coin WD4JNM 264-9447
V. PRESIDENT: Pike Abell W4EPU 269-4208 TREASURER: Clyde Lee K4EOS 267-9375

CLUB INFORMATION

TARC MEETINGS :	**Monthly on 4th Tuesday at 1900 hrs at Jaycee Building.**
TARC NETS:	**VIP - Thursdays at 1000 hrs on 146.910**
	FRIENDSHIP - Thursdays at 1830 hrs. ao146.910
	MOSQUITO - Wednesdays at 1900 hrs on 28.333
TARC REPEATERS:	**VHF - 146.910 and146.970. UHF 444.150**

PRESIDENT'S CORNER

By Bud Hughes K4CWG

On February 25, TARC was honored by Ray Kassis, N4LEM being our guest speaker. Ray presented a most informative talk on the requirements of the electronic media (radio, TV, etc.) to install equipment in their station(s) that permits the President of the US to access all broadcast stations with input of a code. As an example, with this capability, in a matter of seconds the president can address the entire country and inform most all citizens of this nation of any required "early warning" message or other issues that he deems necessary. I am very pleased to have this capability in place. We had a good turn out at the meeting and the comments on Ray's program have been great! Ray, thank you for taking time out of your busy schedule to be with us and for such an outstanding presentation.

We have underestimated Les, K4SJC. Would you believe that last Sunday morning at our weekly bicycle at Black Point, Les comes riding up. Something was mentioned about his ability to pedal. Heck, he rode all the way around Black Point and he admitted that it did not even cause him to break into a sweat.

The Titusville 500 went off real good. Those little cars can really fly. I want to pass along the thanks from Rick Flemming and other race officials to the TARC members who donated their time and services by providing communications for the event. Thanks to Warren KS4GP, Ken KD4HNW, Chuck KE4RIV, Greg KF4LTZ, and special thanks to Joe KD4UZS who worked the Race Control Center and did a super good job. Rick Flemming apologized for not letting us know sooner and says now that he knows how to get in touch with us, he assures us that next year he will give us more time to get the operators together. Again, my thanks to all for your assistance.

The Fox Hunt this past Sunday proved once again that ole Bud still has not mastered the art of trapping that sly old fox. As far as I know, the fox hunt last Sunday was the first for Abbie KF4DTC. Abbie found the fox and had to show me and many others exactly where it was hidden. Guess what! She did not have an RF Sniffer like I did but she sure located the fox in a hurry. If it were not for Abbie , I might still be out at Fox Lake looking for that elusive critter. As always, John, Bill

(see next page)

HAPPY BIRTHDAY

MARCH BIRTHDAYS

03-04 KF4LOF GARY COMMER
03-06 KD4DOJ FAYE SKIDMORE
03-06 W4RH FRANK BUTLER, JR.
03-08 WB4LOE LARRY SKIDMORE
03-12 KF4BKY JOE HUSSON
03-13 N4KFP TOM DOWNS
03-14 N4PPO JOHN STEPHENS
03-15 KA4LTK LLOYD MULLENS
03-17 KF4GKZ DANIEL FIERS
03-17 KK4EY LEE ROLL
03-19 AB4P BILL MALLMAN
03-19 W4UYZ JIM CREEVAY
03-20 KD4EYR JUNE ROLL
03-23 KA3CFG JOSEF GOEBEL
03-23 WB4PXO JIM MORGAN
03-23 AC4KU AL SANFORD
03-24 KD4JMX STEPHANIE PHILLIPS
03-24 KE4YQB MIKE PALM
03-26 KE4YQE HEIDI LORENZI
03-27 AE4OJ DAVID GREENWALD
03-28 KE4AGK MAURICE GIONET
03-30 KC4TE GENE MANN
03-31 KD4ITX NANCY MARSDEN

PRESIDENT...from page 1...and Sue (the gang from up Daytona way) did a great job. By the way, John and his wife are leaving for Australia this week, and yes - John has teamed up with some hams in Australia and is going to do some fox hunting half way around the world. Looking for a report on your trip, John.

It is so good to have Pat KF4LTY back home after surgery at the Florida Hospital in Orlando. Pat, you just continue to get better and better and soon we will have you with us at Black Point riding the bicycle.

We are having an Advanced Class Study Class every Wednesday at 6:00 PM at Expedient Services Shop. Everyone is welcome to come and down and study with us. Tom WA4QJK has provided the ARRL tapes for the Advanced theory. Last Wednesday we covered the first of three tapes. The tapes are very well prepared and I think they are a good source for upgrading.

Hope to see you at the next meeting.

HAMS ON THE YUKON QUEST 0R, FIELD DAY, ALASKAN STYLE

The Yukon Quest is a 1000 mile sled dog race that starts in Fairbanks, Alaska on even years and in White Horse, Canada on odd years. Communications between checkpoints is provided by the Arctic Amateur Radio Club in Fairbanks on the Alaskan side. This year we even ran our own web page to keep Internet users up to date on the happenings at each check point.

I personally worked the Angel Creek Check Point on 20 and 21 February with another ham named Benny Benevento, NL7XH. Conditions were fairly primitive in that we used 70 cm handhelds, cross linked to 2 meters on a Kenwood 761 mobile with 25 watts, ran to a repeater 40 miles away and linked that repeater another 50 miles to the Yukon headquarters. That all sounds pretty easy except for the fact that we had to field modify the Kenwood in a cabin with a wood stove/heater at 10 degrees with a minimal flashlight and a leatherman tool. Thank goodness Benny loves a challenge.

The temporary repeater was all powered by a 12 volt battery that provided plenty of juice to keep everything running for the entire five days that the checkpoint was manned. A dual band antenna was hung in a tree outside the cabin and strategically placed to provide us with the best signal possible.

Our primary duties consisted of checking with headquarters to find out the departure time from the previous checkpoint, estimating the arrival time at our checkpoint,, reporting the actual time of arrival at our checkpoint, and the actual departure time from our checkpoint. This and the number of dogs, how many were riding in the sled, and how many were dropped at

the checkpoint. All this in an average temperature of 10 degrees.

At headquarters, the activities were all handled by two 2 meter radios and 2 hf radios. The hf radios are used for the checkpoints in Canada and the distant stations on the Alaska side of the border.

All said and done it was an excellent event and a great way to learn about repeaters, field conditions, dog mushing, and how to make heat come out of a wood stove.

If you'd like more info on the Arctic Amateur Radio Club, check us out on the Internet at http://fytqm.uafadm.alaska.edu/aarc/AARC.html. The Yukon Quest page is still up at http://fytqm.uafadm.alaska.edu/quest97.html.

If you'd like to know more about the Yukon Quest or ham radio in the Fairbanks area I'd be happy to help. I can be reached at jordan@santanet.com. Or, if you find yourself in the Fairbanks area, give me a shout on 146.88-, with a 103.5 pll tone. That's our club repeater here in Fairbanks.
73's Paul Jordan KL0AN (Son of Joe KE4AEB and Kay KE4MXF Jordan)

ARRL TO TAKE NEW STEPS TO OBTAIN BETTER ENFORCEMENT OF THE AMATEUR BANDS

From W5YI Report 2/1/97

The American Radio Relay League is in the process of filing a Petition which seeks to increase the quantity and quality of FCC enforcement of the Amateur Radio regulations. The League is very dissatisfied with the speed and effectiveness of FCC field office enforcement of its rules...especially in cases of some of the more serious Amateur Service violations.

According to the ARRL, their Amateur Auxiliary volunteers have been identifying and documenting serious violations, but there has been very little follow through on the part of the FCC.

The League has now decided to bypass the FCC's Compliance and Information Bureau (CIB) and Wireless telecommunications Bureau (WTB) and hereafter take enforcement cases directly to the Chief, Administrative Law Judge of private sector complaints.

The petition will incorporate the following elements:
1) Complaints of Amateur rule violations will establish that the violations alleged are willful, intentional and repeated and are of a nature that they seriously impede lawful amateur communications.
2) The Complaint, and all supporting materials, will be submitted through the League to the Chief, Administrative Law Judge, who will make a threshold determination whether the Complaint and the incorporated evidence establishes a case.
3) If the Complaint and supporting material is determined by the Chief, Administrative Law Judge to establish a prima facie case, the Complaint will be assigned to an Administrative Law Judge who will issue a Show Cause order addressed to the accused, and a hearing proceeding commenced in accordance with normal Commission procedures. The League will assist in the presentation of the case as necessary.
4) In cases in which the accused is an Amateur licensee, the Wireless Telecommunications Bureau will be made a party to the proceeding. In cases in which the accused is not a licensee, the Compliance and Information Bureau will be made a party to each such proceeding.

Our understanding is that the Petition will be filed with the Commission within a couple of weeks and that the new enforcement procedure will begin shortly thereafter. If we understand correctly, this means that instead of the FCC starting the enforcement action, it will be initiated by the ARRL who will deal directly with the FCC's judicial branch. And it will be up to the ARRL (rather than the FCC's CIB or WTB to convince the Chief, Administrative Law Judge of the merits of the case.

THE HISTORY OF SIX METRES

By Gene Sykes W400
From Feb., 1997 PROPAGATOR

The above title, appearing in the contents of FOCUS 10, sent this writer (a sometime, latter day six meterite) thumbing through his copy in search of page 37 and a reminder of those exciting early feats which he was to later regret having missed, contest and DX commanding the attention during those bygone years!

One major event in particular had touched me lightly during that era and you can imagine my surprise at finding it totally omitted in an otherwise complete account.

The Milwaukee Radio Club (MRAC) had in 1936, offered a trophy (the Milwaukee Cup) to the winner of ARRL's annual 56 Mhz (remember it was 5 meters in those days?) Contest, but because of the activity generated in the "36" event did not satisfy the award criteria, a "no competition" decision resulted. This led to MRAC and ARRL offering the cup to the first US amateur to work another licensed amateur on a different continent over a distance in excess of 2000 miles and with each employing the five meter band. Announcement of this happening appeared on page 35 of QST for July 1937.

For the next decade or so nothing of importance transpired (if we ignore WW2) until April 1946, when the criteria was amended to specify the new 6 meter band which supplanted 5. For the benefit of those who read the original article in FOCUS, it should be explained that those November 1946 QSOs between W1HDQ and the two British stations, G6DH and G5BY, while noteworthy for their impact on band activity and enthusiasm, were cross-banders (6 to 9) and, as such, did not meet the criteria for the Cup. (One wonders what would have happened if the attempted 5 to 6 by G5BY and W1BEQ had succeeded.) Nor could the KH6DD - J9AAK QSO of January 1947 count. Hawaii was not a state at that time. But on 23 March, almost two months later to the day, the Cup would be claimed and shortly thereafter awarded in circumstances which "touched me - an innocent bystander - lightly."

On that third day of Spring I received a telephone call from an excited fellow club member, Glen Harmon, W4IUJ. He haltingly confided to me that he had just terminated a six meter QSO with OA4AE and that the Peruvian was continuing with W4GJO, another Florida amateur. Mr. Harmon, an overly modest individual, believed that his QSO "might be" a first from the United States - 6 meter DX stations not having achieved the proliferation rate in 1947 that was to come in the 90s.

At that point in time I was serving as president of the local club which had its first ever hamfest scheduled for the upcoming summer and we were in the throes of planning an entertaining program. This was virgin territory for us - the flea market concept not yet having evolved.

As soon as Glen's claim was verified I resolved that the Cup presentation would be the center piece of the program, provided a suitable person could be found to officiate, and in this quest, we lucked out big! That which was destined to become Palm Beach International Airport was then Morrison Field - a huge Army Air Force base generously stocked with innumerable GIs. Among them I had hoped to find someone from the beer city in the Badger State, maybe even one with an amateur ticket. Can you believe that reality exceeded our wildest dreams! The "findee" satisfied all of the above and additionally, was a former member of MRAC! Truly our cup runneth over and the equation was satisfied in all of its dimensions. Glen got his cup; the hamfest got an all star act to close the show, and our club acquired a new member - the Milwaukee Major signed with us for the duration of his Morrison "hitch".

The World Above 50 Mhz column by W1HDQ in the may 1947 issue reported the event as follows: "The Milwaukee Radio Club Cup has been won at last! Offered in 1936 in what seemed to many at that time to be an overoptimistic move to promote interest in international VHF DX effort, the beautiful gold trophy has waited at headquarters for more than 10 years for a claimant. Two-way intercontinental work on 50 Mc from the mainland of the United States is now an accomplished fact, and only the formalities of written confirmation wait the award of the Cup to Glen Harmon, W4IUJ of West Palm Beach, Florida for his history making 3000 mile QSO with Carrol S. Busby, OA4AE of Lima, Peru on March 23.

That date was a heartbreaker for W4GJO of Orlando, Florida. For months Grid had been working on OA4AE, CE3FV and other South American stations to get them going on 50 Mc. Finally, OA4AE was ready to go and schedules were arranged for Saturday and Sunday afternoons with W4GJO making 5 minute transmissions at 15 minute intervals and OA4AE doing likewise for the following 5 minutes. This started on March 15 and 16 and was continued on the 22nd and 23rd. The afternoon of the 23rd looked good at W4GJO. DX signals were heard in the old FM band, and by 3 PM three signals were coming through on the low end of 50 Mc. One of these turned out to be OA4AE - already in contact with W4IUJ. Glen had called CQ on what

appeared to be a dead band at 2:50 PM and hit the jackpot! They signed at 3:10 and W4GJO connected with OA4AE. The QSO lasted until 3:40. Signals were weak at both ends, peaking about S4. The two other signals heard by W4GJO were never identified and W4IUJ heard an unidentified tone-modulated signal near 50 Mc. This signal peaked with the beam south-southeast and it lasted until about 3:30, as did the signal of OA4AE.

The transmitter at W4IUJ runs 100 watts to a 35-TG feeding a 4 element array which is stacked above a 10 meter beam in the same manner as a dual array used at W1HDQ in the November transatlantic work. The rig at OA4AE was running 42 watts to a 807 doubler, feeding a 3 element array having two directors. His converter employed a 6AK5 untuned RF stage and a 6SK5 mixer-oscillator. W4GJO uses a pair of 35-Tgs and a 3 element array only 9 feet above ground. The receiver is an S-36 with a 6AK5 preselector.

W4IUJ is now retired from the Palm Beach County Schools and lives a few miles west of me. He continues to be active on 6 meters and we swap propagation information. DX tips and Phone alerts when a juicy item shows up. The Milwaukee Cup has been donated to the ARRL where I understand it is on permanent display.

Carrol Busby, the former OA4AE now sports W5AGG and is a resident in south Texas. He, too, continues to be active on 6 meters - at least he was when I worked him a few years ago.

DID YOU KNOW?

The word "queueing" is the only English word with five consecutive vowels.

The name Jeep came from the abbreviation used in the army for the "general purpose" vehicle, G.P.

The two longest one-syllable words in the English language are "screeched" and "strengths".

The abbreviation for pound, "lb." comes from the astrological sign Libra, meaning balance, and symbolized by scales.

February 1965 is the only month in recorded history not to have a full moon.

Montpelier, Vermont is the only U.S. state capital without a McDonalds.

The Chinese ideogram for "trouble" symbolizes "two women living under one roof."

In Chinese, the words for crisis and opportunity are the same.

Clans of long ago that wanted to get rid of their unwanted people without killing them used to burn their houses down - hence the expression "to get fired."

The cruise liner, Queen Elizabeth II, moves only six inches f
or each gallon of diesel that it burns.

Maine is the only state that borders on only one state.

The word "byte" is a contraction of "by eight."

The average ear of corn has eight-hundred kernels arranged in sixteen rows.

The famous split-fingered Vulcan salute is actually intended to represent the first letter ("shin", pronounced "sheen") of the word shalom." As a small boy, Leonard Nimoy observed his rabbi using it in a benediction and never forgot it. Eventually he was able to add it to "Star Trek" lore.

The term "the whole 9 yards" came from W.W.II fighter pilots in the South Pacific. When arming their airplanes on the ground, the .50 caliber machine gun ammo belts measured exactly 27 feet before being loaded into the fuselage. If the pilots fired all their ammo at a target, it got "the whole 9 yards."

The longest U.S. highway is route 6 starting in Cape Cod, Massachusetts, going through 14 states and ending in Bishop, California.

"Underground" is the only word in the English language that begins and ends with the letters "und."

TREASURER'S REPORT

By Clyde Lee K4EOS

Balance Forward From 1996	5703.59
Deposits Year To Date	971.50
TOTAL INCOME	**6675.09**
Expenditures	2188.29
BALANCE AS AT 02/28/97	**4486.80**

FEBRUARY MINUTES

By Marty Coin WD4JNM

The meeting was called to order at 1900 hours by President Bud Hughes, K4CWG. After the Pledge of Allegiance and introduction of members and guests, Bill Eppley, W2SDB talked about ways to get young people interested in ham radio. He is personally offering a $20.00 prize to the ham submitting the best explanation of why ham radio is a better communications tool than the Internet.

Bud announced that TARC will hold advance classes each Wednesday night at Expedient Services at 6:30.

Ralph AE4LE asked for more volunteers for the Air Command communications at Executive Airport on March 14, 15 and 16.

The main speaker for the meeting was Ray Kassis, N4LEM who spoke on the requirements of radio, TV, etc. to install equipment in their stations that permits the President of the United States to access all stations at any time with the input of a code to alert the public to any national emergency.

Pike, W4EPU asked for volunteers to help with the Run For Life on March 6. Anyone who can help should call him.

The new emergency Frequency number for scanners is 161.64 for those who don't have it installed yet.

New members voted into the club by a show of hands are: Anthony Sini, KR4GS Anthony Lapenta, KF4NKL Roe Weaver, K4OXV Peggy Miller.

Meeting adjourned at 2020 hours.

FOR SALE

MOBILE MOUNT FOR KENWOOD, ETC.
$5.00

ASTRON 12 AMP POWER SUPPLY
W/FREE STANDING MTR.
$50.00 OBO

d104 MIKE W/STAND
$35.00 obo

N2CTQ LOU
267-0474

A LITTLE NON-SENSE

When I get real bored, I like to drive down town and get a great parking spot, then sit in my car and count how many people ask me if I'm leaving.

When I was a kid, we had a quicksand box in the backyard. I was an only child....eventually.

I bought some batteries, but they weren't included. So I had to buy them again.

For my birthday I got a humidifier and a dehumidifier. I put them in the same room and let them fight it out.

I have a switch in my apartment that doesn't do anything. Every once in awhile I turn it on and off. One day I got a call from a woman in France who said, "cut it out."

I replaced the headlights on my car with strobe lights. Now it looks like I'm the only one moving.

I wrote a song, but I can't read music. Every time I hear a new song on the radio, I think, "hey, maybe I wrote that."

I went to a general store but they wouldn't let me buy anything specific.

My neighbor has a circular driveway. He can't get out.

ABELL'S ANECDOTES

By Pike W4EPU

Many U.S. Government employees and some people in private industry spend most of their professional careers serving abroad, as Clara and I did. The State Department Foreign Service, the military and some CIA personnel fit this category. They all may be regarded, in one way or another, as diplomats. Like any select group they have their own unique profile. Some examples are:

YOU MAY BE A DIPLOMAT IF

1) You have a zebra skin drum coffee table and a camel saddle in your living room.

2) You were never home when the hot water heater went out, your first child was born, or your wife wrecked the car.

3) You were in a restaurant in Athens, Greece, and ordered a bottle of drinking water. You said "yok nees" which means "no ice" in Persian.

4) You have spent more time in airports than most kids spend in high school.

5) You still soak your fresh fruits and vegetables in Clorox bleach.

6) On your daughter's fifth birthday you realize she could speak Farci fluently but could not speak English.

7) Your Christmas card list reads like the United Nations address list.

8) You usually meet someone you know at the Frankfort Airport, but never in your local supermarket.

9) You have three children born in three different countries.

10) You bore your friends and relatives with foreign coins, color slides and home videos of places they never heard of and couldn't care less about.

11) You had breakfast in Frankfurt, Germany, lunch in Amman, Jordan and dinner in a flop house in the Sudan, all on the same day.

12) You were sent to Cyprus, an island in the Mediterranean, but your luggage was sent to Cypress Gardens.

13) Upon graduation from Spanish language school, you found out your assignment was Bujumbura.

14) You can spell and pronounce Bujumbura, and you know where it is, because you lived there for two years.

15) You find this stuff funny.

16) You know a megacycle is not a very large bicycle.

17) You worked in a smoke filled room and pounded a typewriter day in and day out, but you were not a journalist.

18) You can't decide which you like best, Perry Como or Morse code.

19) You tap your foot unintentionally at inappropriate times.

NOTE: There are more, but no more space. If anyone has any reasons why "you may be a diplomat" let me know and I will include them next time in your name.
73s es 88s

UNUSUAL CLASSIFIED DIRECTORY

From Joan Hoag KE4SXU

Poncho Villa - raincoats
Pharaoh Faucet Majors - plumbing fit for a king.
Cats in Jammers - bunks for boats.
Hair Apparent - toupees
Marquis de Sod - landscaper
Coat d'azure - police uniforms - French imports.
Tearass Bulbs - emergency light repairs.
Clothes but no Cigar - antismokers boutique
Katmandu - musicians union.
Strata Various - geological specimens
Kelly Moonteeth - space souvenirs.
Fade Accompli - prewashed jeans.
Porgy and Bass - sole food.
Long John Silver - underwear for the affluent.
Oedipus Wrecks - demolition
Haut Cuisine - grain & feed.

MEMBERSHIP UPDATE

Total membership: 276 (200 regular, 70 family, 6 honorary)

NEW MEMBERS: KA4DCA HELEN STRAUGHN

RENEWALS:
W80FR GENE HALL
KE4AEB JO JORDAN
KE4MFX KAY JORDAN
W4AVP JACK SIEGEL
AE4CB DAVID HURST
W4EPU PIKE ABELL
KE4YQL CLARA ABELL
KC4HIO RICHARD SWEATT
KC4HIQ SHIRLEY SWEATT
KR4HS GEORGE SMITH
WN4IIV R. D. STRAUGHN
KE4MWZ MIKE ELLIXSON
KE4MXA NOEL ELLIXSON
KE4OZD DAN BURDICK
KE4WJW LORNA BURDICK
KE4OWJ DAVID BURDICK
KE4TKCHARMONY BURDICK
K1PAW JOE BONARDI
NIOGE BERTHA BONARDI
KE4SEW GREG BENNETT
W4UYZ JIM GREEVAY
KC4VVG WALT HART
KC4YDP JERRY RICHARDS
KR4YZ CHARLIE FAGEL

HAMFESTS:

03/8	Englewood
03/13	Venice
03/15-16	Ft.Walton Beach
03/22	Stuart
03/22	Sebring
03/29	Fanning Springs
04/05	Miami FREE
04/26-27	Gainesville

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HAPPY EASTER